

APPLICATIONS INFORMATION

connecting back-to-back differential inputs. This technique increases the input level and can be used to increase the input current. Differential inputs look like short circuits and signal sources provide current levels that are easily

connected to a low-impedance normal circuit operation. Protection involves adding a resistor to each signal path prior to the amplifier to increase the input noise level to a desired level.

Resistors or resistors, should be used to form the formation of thermocouple grade the input signal.

LINEAR INPUT RANGE,
±5V MAXIMUM
DIFFERENTIAL PROTECTION
TO ±30V

0V_{OUT}

tion for gains 2 to 10,000.

APPLICATIONS

of precision amplifiers in a system requires attention to external influences and changes in the nominal input offset voltage. A PSR of 80dB on the supply, not an input offset change. In choosing a power unit, good line and load stability.

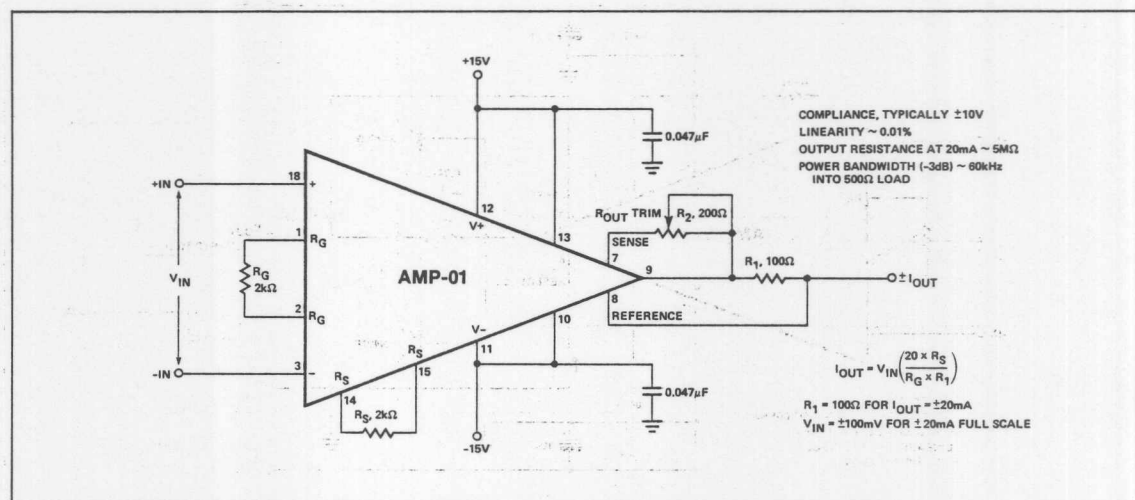


Figure 7. High-compliance bipolar current source with 13-bit linearity.

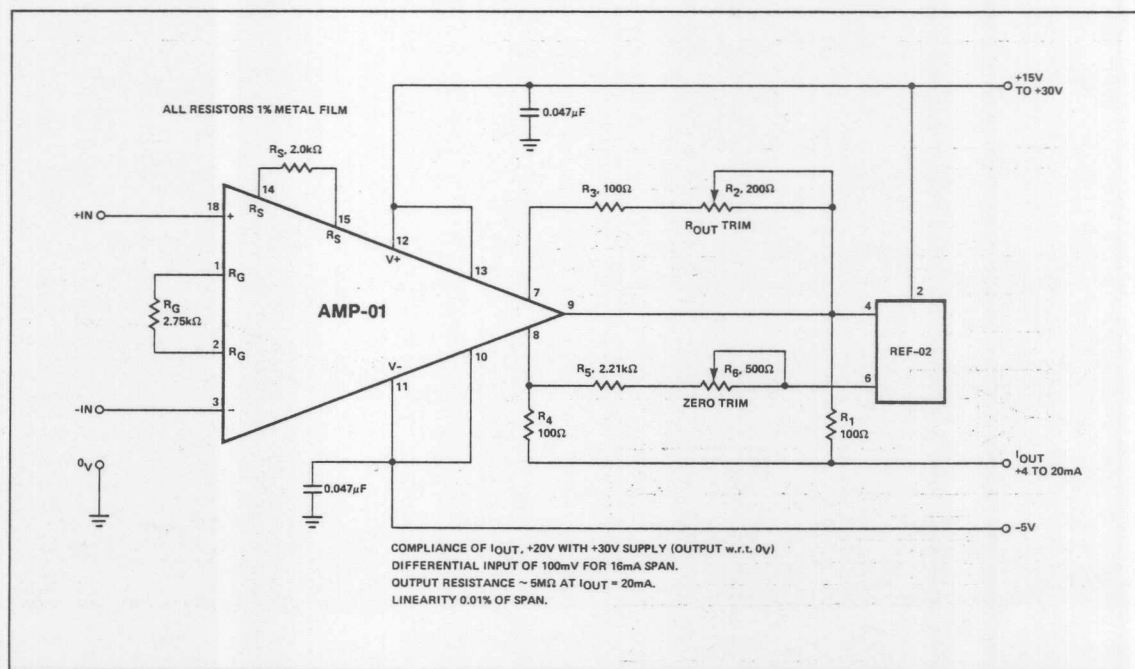


Figure 8. 13-bit linear 4-20mA transmitter constructed by adding a voltage reference. Thermocouple signals can be accepted without preamplification.